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DATE: February 11, 2004

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TO: MS AF  
Attention: Examiner Delia Ramirez  
Group Art Unit: 1652  
United States Patent and Trademark Office

FAX NUMBER: (703) 872-9307 (MS AF)  
(703) 308-4556 (Examiner Ramirez)

FROM: Cheryl L. Becker  
Patents and Trademarks  
D-0377, AP6A-1  
Telephone: (847) 935-1729

### MESSAGE:

U.S. Serial No.: 09/624,670  
Filed: July 24, 2000  
Title: ELONGASE GENES AND USES THEREOF  
Case No.: 6407.US.P2

Enclosed herewith for the patent application identified above entitled ELONGASE GENES AND USES THEREOF are the following:

1. Transmittal Letter, in duplicate (1 Page)
2. Second Supplemental Amendment Filed Under 37 C.F.R. §1.116 (13 Pages)

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## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mukerji et al.

Serial No.: 09/624,670

Filed: July 24, 2000

For: ELONGASE GENES AND USES  
THEREOF

Case No.: 6407.US.P2

Examiner: Ramirez, D.M.

Group Art Unit: 1652

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Examiner Delia Ramirez  
Group Art Unit 1652  
Fax no.: (703) 308-4556

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date of deposit: 2-11-04  
Kimberly A. Iorio 2-11-04  
Kimberly A. Iorio Date

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed herewith for the patent application  
identified above entitled ELONGASE GENES AND USES THEREOF  
is the following:

1. Second Supplemental Amendment Under 37 C.F.R.  
§1.116 (13 Pages);

The Commissioner is hereby authorized to charge any  
additional Filing Fees required under 37 CFR § 1.16, as  
well as any patent application processing fees under 37 CFR  
§ 1.17 associated with this communication for which full  
payment had not been tendered, to Deposit Account No. 01-  
0025. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
Mukerji, et al.

Cheryl L. Becker  
Cheryl L. Becker  
Registration No. 35,441  
Attorney for Applicants

ABBOTT LABORATORIES  
Customer No. 23492  
Telephone: (847) 935-1729  
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PATENT  
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Kimberly A. Iorio Date

SECOND SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.116

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of June 18, 2003 and  
the Advisory Action of October 9, 2003 and further to the  
Supplemental Amendment of January 16, 2004, please amend  
the subject application as follows:

**Amendments to the Claims** are reflected in the listing of  
claims which begins on page 2 of this paper.

**Remarks/Arguments** being on page 11 of this paper.